INTERNATIONAL SEARCH REPORT

Intern hal Application No PCT/EP2005/000590

A. C	LASS	FICATION C	F SUBJ	ECT MATTER
TPC	7	G0286	1/42	ECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{G02B} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

X Further documents are listed in the continuation of box C.

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	EP 1 170 609 A (YAZAKI CORPORATION) 9 January 2002 (2002-01-09)	1-4,6,7, 10, 12-14, 19,20,
Υ	paragraph '0022! paragraph '0027!; figures 1,6	24,25 5,8,9, 11, 15-18, 21-23
Y	PATENT ABSTRACTS OF JAPAN vol. 013, no. 440 (P-940), 4 October 1989 (1989-10-04) & JP 01 169416 A (HITACHI LTD), 4 July 1989 (1989-07-04) abstract; figure 3 -/	5,15-18

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* Special categories of cited documents: *A document defining the operal state of the art which is not considered to be of particular relevance relevance relevance between the problem of the problem o	The later document published after the International filing date or priority date and not in conflict with the application but disk to understand the principle or theory underlying the Understand the principle or theory underlying the "V document of particular refevance; the claimed Invention cannot be considered not or crannot be considered to involve an inventive step when the document is taken afone "V document of particular referance; the claimed invention".
O' document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed	cannot be considered to involve an inventive step when the document is combined with one or more other such docu- ments, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 11 April 2005	Date of mailing of the international search report 20/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patenttaan 2 NL – 2230 HV Piljewijk Tel. (+31-70) 340-3204, Tx, 31 651 epo ni, Fax: (+31-70) 340-32016	Authorized officer Mouget, M

X Patent family members are listed in annex.

INTERNATIONAL SEARCH REPORT

Internation No PCT/EP2005/000590

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	_
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	GB 2 239 104 A (* KEL CORPORATION) 19 June 1991 (1991-06-19) page 13, line 28 - line 31; figure 18	8,9,11, 21-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No PCT/EP2005/000590

UP 01169416 A 0		EP US	Patent family member(s) 2002023021	A2	Publication date 23-01-2002 09-01-2002 03-01-2002
JP 01169416 A 0		EP US	1170609	A2	09-01-2002
	M 07 1000				
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